

## EAST Search History

| Ref # | Hits  | Search Query                            | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| S1    | 6     | "6435482" "2002079649"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/17 16:03 |
| S2    | 12    | "6435842" "2002079649"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/17 16:24 |
| S3    | 24    | (HYEON AND SEONG?YEOL).IN.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/17 16:31 |
| S4    | 74    | (gye AND young AND song).IN.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/17 17:37 |
| S5    | 95806 | (LG AND electronics).ASN.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/17 17:37 |
| S6    | 211   | S5 AND compressor AND (weld OR welding) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/17 17:38 |
| S7    | 40    | S6 AND refrigerat\$4                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/09/17 17:54 |

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|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S8  | 2    | (("3788778") or ("3813192")).PN.   | USPAT  | OR | OFF | 2007/09/17 18:07 |
| S9  | 2    | S4 AND weld\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17 18:32 |
| S10 | 394  | ((linear OR reciprocating) ADJ<br>(compressor)) AND welding                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17 18:33 |
| S11 | 181  | ((linear OR reciprocating) ADJ<br>(compressor)) AND welding                  | USPAT  | OR | ON  | 2007/09/17 18:33 |
| S12 | 210  | ((linear OR reciprocating) ADJ<br>(compressor)) AND welding                  | USPAT;<br>USOCR  | OR | ON  | 2007/09/17 18:35 |
| S13 | 327  | ((linear OR reciprocating) ADJ<br>(compressor)) AND weld\$3                  | USPAT;<br>USOCR  | OR | ON  | 2007/09/17 19:10 |
| S14 | 63   | ((linear OR reciprocating) ADJ<br>(compressor)) AND (weld\$3 SAME<br>spring) | USPAT;<br>USOCR  | OR | ON  | 2007/09/17 19:15 |
| S15 | 1072 | 417/417.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17 19:15 |
| S16 | 118  | S15 AND weld\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17 19:30 |
| S17 | 102  | S16 NOT S13  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/17 19:30 |

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|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S18 | 18   | (US-20030170128-\$ or US-20010043870-\$ or US-20040109777-\$ or US-20030156956-\$ or US-20050142008-\$).did. or (US-6435842-\$ or US-6729861-\$ or US-7124678-\$ or US-6793470-\$ or US-6881041-\$ or US-3813192-\$ or US-3788778-\$ or US-6257846-\$ or US-6838789-\$).did. or (US-3248044-\$ or US-3334808-\$).did. or (WO-2079649-\$).did. or (WO-200279649-\$).did. | US-PGPUB; USPAT; USOCR; EPO; DERWENT                     | OR | ON | 2007/09/17 21:15 |
| S19 | 1348 | 417/363.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 21:15 |
| S20 | 292  | S19 AND weld\$3   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 21:24 |
| S21 | 430  | (compressor AND weld\$3).TI.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 21:24 |
| S22 | 30   | (compressor SAME weld\$3 SAME benefit?)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 21:43 |
| S23 | 49   | (compressor AND (weld\$3 with benefit\$3))  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 21:43 |
| S24 | 12   | ("0133952"   "4651626"   "5772410"   "6089836").PN. OR ("6435842").URPN.  | US-PGPUB; USPAT; USOCR                                   | OR | ON | 2007/09/17 22:21 |

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|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S25 | 9    | ("4416594"   "4939952"   "5442993"   "5485777"   "5704771"   "6174141"   "6435842"   "6793470"   "6863506").PN. OR ("7124678").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2007/09/17 22:21 |
| S26 | 12   | ("0133952"   "1372943"   "1970963"   "3788778"   "3813192"   "4027211"   "6089836"   "6413057").PN. OR ("6793470").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2007/09/17 22:24 |
| S27 | 13   | ("2865559"   "3007625"   "3018735"   "3143281"   "3355676").PN. OR ("3813192").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2007/09/17 22:29 |
| S28 | 19   | (US-20030170128-\$ or US-20010043870-\$ or US-20040109777-\$ or US-20050142008-\$ or US-20030156956-\$).did. or (US-7124678-\$ or US-6729861-\$ or US-6435842-\$ or US-6793470-\$ or US-6881041-\$ or US-3788778-\$ or US-3813192-\$ or US-6838789-\$ or US-6257846-\$).did. or (US-3334808-\$ or US-3248044-\$ or US-3047162-\$).did. or (WO-2079649-\$).did. or (WO-200279649-\$).did. | US-PGPUB; USPAT; USOCR; EPO; DERWENT                     | OR | ON  | 2007/09/20 11:07 |
| S29 | 13   | ("2865559"   "3007625"   "3018735"   "3143281"   "3355676").PN. OR ("3813192").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2007/09/20 12:06 |
| S30 | 3363 | ((417/417) or (417/363) or (92/130D) or (92/130C) or (92/131)).CCLS.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/20 15:21 |
| S32 | 449  | S30 AND weld\$3  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/09/20 12:59 |

## EAST Search History

|     |     |                               |  |    |    |                  |
|-----|-----|-------------------------------|--|----|----|------------------|
| S33 | 247 | S32 AND compressor            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/24 12:43 |
| S34 | 202 | S32 not S33                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 12:59 |
| S35 | 636 | S30 AND spring AND compressor | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/20 15:21 |